



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## New *Crataegi* of the northeastern manual range

W. W. EGGLESTON

### *Crataegus schizophylla* sp. nov.

A small tree, perhaps 4 m. high, with ascending, irregular branches; spines numerous, 3–7 cm. long; twigs glabrous; leaves oblong-obovate to ovate, 2–6.5 cm. long, 1–4.5 cm. wide, acute or obtuse at the apex, cuneate at the base, coarsely serrate with short acute lobes towards the apex, glabrous, dark green and shining and somewhat impressed-veined above, paler beneath, coriaceous; petioles somewhat winged, 5–15 mm. long; corymbs many-flowered, glabrous, flowers about 12 mm. broad; calyx lobes lanceolate, acute, entire; stamens about 10, anthers pale pink; styles 1–3, surrounded at the base with tomentum; fruit pyriform-ellipsoidal, dark red, about 10 mm. thick; calyx persistent, the lobes reflexed; flesh hard at maturity; nutlets usually 2, ridged on the back.

*E. P. Bicknell 15* (type), Job's Neck Cove, Marthas Vineyard, Massachusetts, Oct. 7, 1909. (Herbarium of the New York Botanical Garden.)

The following specimens were used in the description:

*Bicknell 10*, West Tisbury Road, Edgartown, Marthas Vineyard, Sep. 29, 1909.

*Bicknell 12*, Chappaquiddick Island, Marthas Vineyard, Sep. 30, 1909.

*Bicknell 14*, Sengekontacket Pond, Marthas Vineyard, Oct. 1, 1909.

*Bicknell*, Marthas Vineyard, June 8, 1909. (In flower.)

This species is separated from other members of the section *Crus-galli* by its broad, lobed leaves.

It ranges farther east than any of the other *Crus-galli* do naturally. It ranks with *Crataegus Jonesae* Sarg., of the Maine coast, *Crataegus Bicknellii* Eggl., from Nantucket, and *Crataegus Williamsii* Eggl., from the Flathead basin, Montana, etc., as a good example of an isolated geographical species.

In 1904 Mr. E. P. Bicknell passed over to me fruiting material of a very interesting *Crataegus*. At that time we had no flowers of this species, nor any flowering material from Nantucket, excepting a fragment collected by Miss Mary A. Day, at Wauwinet. This flowering specimen puzzled me, seeming intermediate between Mr. Bicknell's form and typical *C. chrysocarpa* Ashe (*C. rotundifolia* of the manuals). This led me to describe the Bicknell form as a variety of *rotundifolia*. Mr. Bicknell has done much exploring in Nantucket since then, and his material now leads me to consider this *Crataegus* a good species.

***Crataegus Bicknellii* sp. nov.**

*C. rotundifolia* var. *Bicknellii* Eggl. Rhod. 10: 79. 4 Je 1908.

A round-topped, shrubby tree, sometimes 3 m. high; spines stout, numerous, 2-6 cm. long; vegetative twigs glabrous; leaves ovate or oblong-ovate, 4-8 cm. long, 3-7 cm. broad, acute at the apex, broadly cuneate or rounded at the base, sharply doubly serrate with acute lobes toward the apex, dark green and shining above, glabrous; corymbs many-flowered, glabrous; flowers about 16 mm. broad; stamens about 10; anthers light purple; calyx lobes long-acuminate, laciniate; styles and nutlets usually 4 or 5; fruit globose, red, about 10 mm. thick; calyx lobes persistent, reflexed, conspicuously lobed; flesh of fruit soft at maturity.

*E. P. Bicknell* 1 (type), Quidnet (Polpis), Nantucket, Mass., Sep. 5, 1904. (Herbarium of the New York Botanical Garden.)

The following specimens were used in the description:

*Bicknell* 2, Quidnet, Sep. 5, 1904.

*Bicknell* 3, Quaise, Nantucket, Aug. 16, 1906.

*Bicknell* 4, Quaise, Nantucket, Sep. 17, 1907.

*Bicknell* 5, east of Rattlesnake Bank, Nantucket, June 11, 1908.

*Bicknell* 6, Shawkemo, Nantucket, June 4, 1909.

*Bicknell* 7, Quaise, Nantucket, June 9, 1909.

This species differs from *C. chrysocarpa* Ashe in its more sharply lobed leaves and calyx lobes, and its more numerous nutlets.